

# WEST Search History for Application 10646716

**Creation Date: 2008050613:42**

Query	DB	Op.	Plur.	Thes.	Date
(translat\$6 or convert\$6 or convers\$6) near4 (parameter\$ near1 (data or information\$ or message\$))	PGPB, USPT	ADJ	YES		05-06-2008
(scal\$6 near1 factor\$) same ((translat\$6 or convert\$6 or convers\$6) near4 (parameter\$ near1 (data or information\$ or message\$)) )	PGPB, USPT	ADJ	YES		05-06-2008
(translat\$6 or convert\$6 or convers\$6) near4 parameter\$	PGPB, USPT	ADJ	YES		05-06-2008
((scal\$6 near1 factor\$) same (translat\$6 or convert\$6 or convers\$6) near4 (parameter\$ near1 (data or information\$ or message\$)) ) same ((translat\$6 or convert\$6 or convers\$6) near4 parameter\$ )	PGPB, USPT	ADJ	YES		05-06-2008
(scal\$6 near1 factor\$) same ((translat\$6 or convert\$6 or convers\$6) near4 parameter\$ )	PGPB, USPT	ADJ	YES		05-06-2008
(protocol\$ near1 (mapped or map\$6)) same ((scal\$6 near1 factor\$) same (translat\$6 or convert\$6 or convers\$6) near4 parameter\$ )	PGPB, USPT	ADJ	YES		05-06-2008
(protocol\$ near1 (mapped or map\$6)) same ((translat\$6 or convert\$6 or convers\$6) near4 parameter\$ )	PGPB, USPT	ADJ	YES		05-06-2008
(first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)	PGPB, USPT	ADJ	YES		05-06-2008
((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) same (second\$6 near1 near1 ((data near1 link near1 protocol\$) or protocol\$))	PGPB, USPT	ADJ	YES		05-06-2008
((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) same (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$))	PGPB, USPT	ADJ	YES		05-06-2008
(proprietary near1 data near1 link near1 protocol\$) same ((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$))	PGPB, USPT	ADJ	YES		05-06-2008
((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) OR (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$))	PGPB, USPT	ADJ	YES		05-06-2008
		ADJ	YES		05-06-2008

((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$)	PGPB, USPT				
((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP	PGPB, USPT	ADJ	YES		05-06-2008
((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP ) same (((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) OR (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$)) )	PGPB, USPT	ADJ	YES		05-06-2008
scal\$6 near4 (parameter\$ near1 (value\$ or identifier\$ or ID\$ or identif\$6))	PGPB, USPT	ADJ	YES		05-06-2008
scal\$6 near8 (parameter\$ near1 (value\$ or identifier\$ or ID\$ or identif\$6))	PGPB, USPT	ADJ	YES		05-06-2008
scal\$6 near8 (parameter\$ near1 (value\$ or identifier\$ or ID\$ or identif\$6))	PGPB, USPT	ADJ	YES		05-06-2008
((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP ) same ((translat\$6 or convert\$6 or convers\$6) near4 parameter\$ )	PGPB, USPT	ADJ	YES		05-06-2008
((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP same (translat\$6 or convert\$6 or convers\$6) near4 parameter\$ ) and (scal\$6 near8 (parameter\$ near1 (value\$ or identifier\$ or ID\$ or identif\$6)) )	PGPB, USPT	ADJ	YES		05-06-2008
((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP ) same (scal\$6 near8 (parameter\$ near1 (value\$ or identifier\$ or ID\$ or identif\$6)) )	PGPB, USPT	ADJ	YES		05-06-2008
(translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$	PGPB, USPT	ADJ	YES		05-06-2008
((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ ) same ((translat\$6 or convert\$6 or convers\$6) near4 parameter\$ )	PGPB, USPT	ADJ	YES		05-06-2008
scal\$6 same ((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ same (translat\$6 or convert\$6 or convers\$6) near4 parameter\$ )	PGPB, USPT	ADJ	YES		05-06-2008
scal\$6 same ((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ )	PGPB, USPT	ADJ	YES		05-06-2008
		ADJ	YES		05-06-2008

(scal\$6 same (translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ ) same (parameter\$ near1 (data or information\$ or message\$))	PGPB, USPT				
(translat\$6 or convert\$6 or convers\$6 or map\$6) near4 parameter\$	PGPB, USPT	ADJ	YES		05-06-2008
J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet or PDL or Web or RS-422	PGPB, USPT	ADJ	YES		05-06-2008
J1939 or CAN or MODBUS or Ethernet or PDL or Web or RS-422	PGPB, USPT	ADJ	YES		05-06-2008
J1939 or CAN or MODBUS or Ethernet or PDL or Web or RS-422	PGPB, USPT	ADJ	YES		05-06-2008
(translat\$6 or convert\$6 or convers\$6 or map\$6) near4 (parameter\$ near1 (data or information\$ or message\$))	PGPB, USPT	ADJ	YES		05-06-2008
( ((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ ) or ((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 (parameter\$ near1 (data or information\$ or message\$)) ) ) same (scal\$6 near1 factor\$)	PGPB, USPT	ADJ	YES		05-06-2008
(J1939 or CAN or MODBUS or Ethernet or PDL or Web or RS-422 ) and (((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ or (translat\$6 or convert\$6 or convers\$6 or map\$6) near4 (parameter\$ near1 (data or information\$ or message\$)) ) same (scal\$6 near1 factor\$) )	PGPB, USPT	ADJ	YES		05-06-2008
((((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP ) and (((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ or (translat\$6 or convert\$6 or convers\$6 or map\$6) near4 (parameter\$ near1 (data or information\$ or message\$)) ) same (scal\$6 near1 factor\$) )	PGPB, USPT	ADJ	YES		05-06-2008
((((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) OR (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$)) ) and (((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP and ((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ or (translat\$6 or convert\$6 or convers\$6 or map\$6) near4 (parameter\$ near1 (data or information\$ or message\$)) ) same (scal\$6 near1 factor\$) )	PGPB, USPT	ADJ	YES		05-06-2008
((((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) OR (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$)) and ((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary	PGPB, USPT	ADJ	YES		05-06-2008

near1 data near1 link near1 protocol\$) or IP or TCP/IP and ((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ or (translat\$6 or convert\$6 or convers\$6 or map\$6) near4 (parameter\$ near1 (data or information\$ or message\$)) ) same (scal\$6 near1 factor\$) ) and encapsulat\$6 and (extract\$6 or unwrap\$6)					
(extract\$6 or unwrap\$6) and (((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) OR (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$)) and ((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP and ((translat\$6 or convert\$6 or convers\$6 or map\$6) near4 protocol\$ or (translat\$6 or convert\$6 or convers\$6 or map\$6) near4 (parameter\$ near1 (data or information\$ or message\$)) ) same (scal\$6 near1 factor\$) )	PGPB, USPT	ADJ	YES		05-06-2008
(((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP same ((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) OR (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$)) ) same (IP near1 tunnel\$6)	PGPB, USPT	ADJ	YES		05-06-2008
(((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP same ((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) OR (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$)) same (IP near1 tunnel\$6) ) and encapsulat\$6 and (extract\$6 or unwrap\$6)	PGPB, USPT	ADJ	YES		05-06-2008
((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) and (((first or primary) near1 ((data near1 link near1 protocol\$) or protocol\$)) OR (proprietary near1 data near1 link near1 protocol\$) or IP or TCP/IP same ((non-proprietary near1 protocol) or ((J1939 or CAN or MODBUS or (serial near1 standard) or Ethernet) near1 protocol\$)) OR (second\$6 near1 ((data near1 link near1 protocol\$) or protocol\$)) same (IP near1 tunnel\$6) )	PGPB, USPT	ADJ	YES		05-06-2008
((non-proprietary or (non near1 proprietary)) near1 protocol) or J1939 or CAN or MODBUS or Ethernet	PGPB, USPT	ADJ	YES		05-06-2008
((non-proprietary or (non near1 proprietary)) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or Web	PGPB, USPT	ADJ	YES		05-06-2008

(((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or Web ) same (IP near1 tunnel\$6)	PGPB, USPT	ADJ	YES		05-06-2008
(((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or Web same (IP near1 tunnel\$6) ) and encapsulat\$6 and (extract\$6 or unwrap\$6)	PGPB, USPT	ADJ	YES		05-06-2008
((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL	PGPB, USPT	ADJ	YES		05-06-2008
((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or ISO11783	PGPB, USPT	ADJ	YES		05-06-2008
(((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or ISO11783 ) same (IP near1 tunnel\$6)	PGPB, USPT	ADJ	YES		05-06-2008
(((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or ISO11783 same (IP near1 tunnel\$6) ) and and encapsulat\$6 and (extract\$6 or unwrap\$6)	PGPB, USPT	ADJ	YES		05-06-2008
(((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or ISO11783 same (IP near1 tunnel\$6) ) and encapsulat\$6 and (extract\$6 or unwrap\$6)	PGPB, USPT	ADJ	YES		05-06-2008
(encapsulat\$6 near4 (((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or ISO11783 ) ) same same ((IP or packet\$) near1 tunnel\$6)	PGPB, USPT	ADJ	YES		05-06-2008
(encapsulat\$6 near4 (((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or ISO11783 ) ) same ((IP or packet\$) near1 tunnel\$6)	PGPB, USPT	ADJ	YES		05-06-2008
((encapsulat\$6 near4 ((non-proprietary or (non near1 proprietary))) near1 protocol) or J1939 or CANopen or MODBUS or Ethernet or RS-422 or PDL or ISO11783 ) same ((IP or packet\$) near1 tunnel\$6) ) and (extract\$6 or unwrap\$6)	PGPB, USPT	ADJ	YES		05-06-2008